

## MA-DBO2458-6

### 2.3-2.7 GHz & 4.9-6.0 GHz Dual Band Omni Antenna

MARS Dual Band Omni antenna provides coverage of 2.3 to 2.7 GHz & 4.9 to 6.0 GHz in a single antenna radome.

Additional Features:

- Simultaneous coverage of LTE & 802.11 a, b, e, g, n, WiMAX & 4.9 GHz Public Safety Bands.
- Light weight and durable construction.
- UV protected radome.



### Specifications

#### **Electrical**

Frequency range	2.3-2.7 GHz & 4.9-6.0 GHz
GAIN, typ.	4 dBi @ 2.3-2.7 GHz 5 dBi @ 2.4-2.5 GHz 7 dBi @ 4.9-6.0 GHz
VSWR, max.	2 : 1
Polarization	Linear Vertical
Input power, max.	10 Watt
Input Impedance	50 Ohm

#### **Mechanical**

Dimensions (HxDia.)	210 x 28.5 mm (8.3" x 1.1")
Connector	See Ordering Options
Weight	90 gr.
Radom	UV Protected Plastic
Mount	See Ordering Options

#### **Environmental**

Operating Temperature Range	-40°C to +70°C
Vibration	According to IEC 60721-3-4
Water Proofing	IP-67
Flammability	UL94
Humidity	ETS 300 019-1-4, EN 302 085 (annex A.1.1)

### Ordering Options

MA-DBO2458-6	Antenna with RP N-Type Plug connector
MA-DBO2458-6NF	Antenna with N-Type Female connector
MA-DBO2458-6NM	Antenna with N-Type Male connector
MA-DBO2458-6NF1	Antenna with N-Type Female connector with mount

Patterns are available on our website

MARS Antennas & RF Systems proprietary information

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